

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1138	(417/44.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 15:47
S2	989	(417/410.1).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 13:52
S5	385668	compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:56
S6	84211	S5 and circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:57
S7	61096	S6 and (press\$3 mount\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:58
S8	3810	S6 and "circuit board"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:58
S9	423	S8 and (board same (resin spacer fasten\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:39

## EAST Search History

S10	204	S9 and resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 14:34
S12	2	("20040052660").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 14:35
S13	3	("20020025265" "5360322" "6041609").PN.	US-PGPUB; USPAT	OR	ON	2007/04/13 14:54
S14	1	("5360322").PN.	US-PGPUB; USPAT	OR	ON	2007/04/13 15:04
S15	2	("20020025265").did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:09
S16	2	"20040013544".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:50
S17	2	jp-2003035654-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:12
S18	2	us-20040013544-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 08:59

## EAST Search History

S19	0	jp-2002035655-\$ did	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 16:02
S20	2	2002-035655	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 16:03
S21	6	("20020025265" "5360322" "60416 09").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:01
S22	8	("20020025265" "5360322" "60416 09" "20040052660").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 09:01
S23	217	(417/410.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 10:18
S24	2	jp-2002205272-\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:24
S25	1	jp2003035654.ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:34

## EAST Search History

S26	0	jp2002205272.ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 10:34
S27	1	jp2003099437.ap.	JPO	OR	ON	2007/04/23 13:26
S28	568	(417/410.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 10:31
S29	386158	compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S30	84313	S29 and circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S31	3823	S30 and "circuit board"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S32	426	S31 and (board same (resin spacer fasten\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S33	207	S32 and resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33

## EAST Search History

S34	219	S32 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:33
S35	247	S31 and (board same (resin spacer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 10:39
S36	32827	S29 and (circuit with (control panel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 14:37
S37	3280	S36 and (washer gasket spacer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 14:39
S38	373	S37 and resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 14:42
S39	352	S38 not S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:01
S40	1227	S37 and motor with circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 15:03

## EAST Search History

S41	649366	circuit and board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:40
S42	106703	S41 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:41
S43	106703	S42 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:41
S44	44684	S42 and housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:42
S45	5478	S44 and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:44
S46	2147	S45 and (select choose pick)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:44
S47	60	S45 and (spacer with (select choose pick))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/26 14:44

## EAST Search History

S48	649366	circuit and board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:29
S49	106703	S48 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:29
S50	44684	S49 and housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:29
S51	5478	S50 and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:29
S52	829	S51 and (circuit same mount)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:30
S53	662	S52 and (fasten\$4 nut bolt thread\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:44
S54	416	(361/718).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 13:44

## EAST Search History

S55	27	("3960635" "5589725" "5816780" "5909905" "6030480" "6052300" "6114797" "6124678" "6152323" "6156145" "6257293" "6379809" "6734603" "7070674").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 15:07
S56	92	S51 and "600".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 15:12
S57	196	S51 and "29".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 15:13
S58	43	("2328805"   "2829860"   "2901623"   "3936342"   "4034780"   "4095615"   "4629926"   "4826131"   "4859530"   "4939405"   "5029805"   "5049421"   "5084345"   "5238223"   "5271724"   "5338164"   "5354032"   "5471721"   "5632841"   "5759015"   "5779218"   "5785295"   "5849125"   "5876187"   "5945768"   "6033191"   "6042345"   "6060811"   "6071087"   "6071088"   "6095175"   "6104127"   "6109889"   "6162313"   "6179584"   "6189858"   "6213735"   "6227809"   "6227824"   "6439539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 09:16

## EAST Search History

S59	40	("2328805"   "2829860"   "2901623"   "3936342"   "4034780"   "4095615"   "4629926"   "4826131"   "4859530"   "4939405"   "5029805"   "5049421"   "5084345"   "5238223"   "5271724"   "5338164"   "5354032"   "5471721"   "5632841"   "5759015"   "5779218"   "5785295"   "5849125"   "5876187"   "5945768"   "6033191"   "6042345"   "6060811"   "6071087"   "6071088"   "6095175"   "6104127"   "6109889"   "6162313"   "6179584"   "6189858"   "6213735"   "6227809"   "6227824"   "6439539").PN.	USPAT	OR	ON	2007/04/30 09:58
S60	649931	circuit and board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 09:59
S61	106731	S60 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 09:59
S62	44686	S61 and housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 09:59
S63	5478	S62 and spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 09:59
S64	151	S63 and (resin same circuit)	USPAT	OR	ON	2007/04/30 10:04
S65	955	S62 and (resin same circuit)	USPAT	OR	ON	2007/04/30 10:08
S66	412	S65 and switch	USPAT	OR	ON	2007/04/30 10:08
S67	498	S65 and switch\$4	USPAT	OR	ON	2007/04/30 10:23

## EAST Search History

S68	829	S63 and (circuit same mount)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 10:23
S69	662	S68 and (fasten\$4 nut bolt thread\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 16:34
S70	486	S67 not S69	USPAT	OR	ON	2007/04/30 10:51
S71	1	"20020056194".pn.	US-PGPUB	OR	ON	2007/04/30 10:51
S72	0	resin with circuit with soft with while	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 14:49
S73	0	resin same circuit same soft same while	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 14:50
S74	2250	resin with "circuit board" with form	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 14:50
S75	8	S74 with attach	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 14:53
S76	61	S74 with harden\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 15:11

## EAST Search History

S77	546844	spacer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 15:11
S78	5362	spacer with select\$3 with (thickness width height different measur\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 17:20
S79	93	S78 and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 15:20
S80	1780	S78 and ("circuit board" PCB circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 17:21
S81	108	S80 and (spacer same "circuit board")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 17:21

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1357	(Kazuya.in. and Kimura.in. (masanori.in. and sonobe.in. (kitaru.in. and iwata.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 11:37
L5	395	4 and circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 11:38
L6	319	5 and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 11:38